METHOD FOR MANAGING MEMORY FOR MOVING IMAGE DECODING DEVICE AND DEVICE THEREFOR

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Abstract of JP11127438

PROBLEM TO BE SOLVED: To store the decoded result of a moving image in a B buffer, and to make a B buffer capacity less than one frame by the reading address management. SOLUTION: In writing the decoded result of a decoding device 101 in a B buffer 105, a memory managing device 104 rewrites the address of the decoded result of the decoding device 101 with an address 12 of the B buffer 105, and at the time of reading it, the memory managing device 104 rewrites an address 13 of a picture area outputted fro a display interface 102 with an address 15 so that a memory area can be indicated. This address rewriting is operated by writing data in the B buffer by the small capacity unit of 16 lines. The memory managing device 104 is provided with a management table having 22 entries using the capacity of 16 lines as a unit for storing a frame number, field number, picture area number, and valid flag for each entry. In write and read of the decoded result, the picture areas are compared with those of the table register, and the address corresponding to the entry with which all of them are matched is outputted.

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